

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DKT. NO. 5838-06701 APPLICANT: Suresh et al. FILING DATE: January 30, 2004		SERIAL NO. 10/769,745 ART NO. 3762 CONFIRMATION NO. 7218			
U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
ORT	A1	F. P. van Ruge et. al., "Magnetic Resonance Imaging during dobutamine Stress for detection and localization of coronary artery disease" <i>Circulation</i> 1994; 90, No 1, pp. 127-138					
	A2	Antman, Elliott M. et al., "Abciximab Facilitates the Rate and Extent of Thrombolysis- Results of the Thrombolysis in Myocardial Infarction (TIMI) 14 Trial", <i>Circulation</i> , Jun. 1, 1999, pp. 2720-2732.					
	A3	Keegan, Jennifer et al., "Interleaved Spiral Cine Coronary Artery Velocity Mapping", <i>Magnetic Resonance in Medicine</i> , vol. 43, 2000, pp. 787-792.					
	A4	Medina, R. et al., "Reconstruction of Three-Dimensional Shapes in Biplane Angiography: a Fuzzy and Evolutionary Approach", <i>Computers in Cardiology</i> , Hannover, Germany, Sep. 1999, 26, pp. 663-666.					
	A5	Miles, K.A., "Measurement of tissue perfusion by dynamic computed tomography", <i>The British Journal of Radiology</i> , 1991, vol. 64, No. 761, pp. 409-412.					
	A6	Mochizuki, Teruhito et al., "Demonstration of Acute Myocardial Infarction by Subsecond Spiral Computed Tomography-Early Defect and Delayed Enhancement", <i>Circulation</i> , 1999, 99, pp. 2058-2059.					
	A7	Rumberger, John A. et al., "Use of Ultrafast Computed Tomography to Quantitate Regional Myocardial Perfusion: A Preliminary Report", <i>Journal of the American College of Cardiology</i> , vol. 9, no. 1, Jan. 1987, pp. 59-69.					
	A8	J.M. Guccione et al., "Passive Material Properties of Intact Ventricular Myocardium Determined from a Cylindrical Model" <i>Journal of Biomechanical Engineering</i> , vol. 113, Feb. 1991.					
	A9	K.D. Costa et al., "A Three-Dimensional Finite Element Method for Large Elastic Deformations of Ventricular Myocardium: I-Cylindrical and Spherical Polar Coordinates" <i>Journal of Biomechanical Engineering</i> , Nov. 1996, vol. 118, pp. 452-463.					
	A10	P.J. Hunter et al., "Modeling the mechanical properties of cardiac muscle" <i>Progress in Biophysics & Molecular Biology</i> , 69 (1998) pp. 289-331.					
	A11	R. Mazhari et al., "Integrative Models for Understanding the Structural Basis of Regional Mechanical Dysfunction in Ischemic Myocardium" <i>Annals of Biomedical Engineering</i> , 2000, vol. 28, pp. 979-990.					
	A12	Hurst et al., "Hurst's The Heart, Arteries and Veins, 9th Edition" McGraw-Hill, 1998, Chapters 18-20, pp. 623-684.					
ORT	A13	Y. Sun et al., "A comprehensive model for right-left heart interaction under the influence of pericardium and baroreflex" <i>The American Journal of Physiology</i> , 1997, pp. H1499-H1515.					

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DKT	A14	Makhijani, V. B. et al., "Three-dimensional coupled fluid - Structure simulation of pericardial bioprosthetic aortic valve function" <i>ASAIO Journal</i> , 1997, 43:M387-M392.					
	A15	Olszewski, M. E., "Segmentation of Cardiac Magnetic Resonance Images Using Multidimensional Active Appearance Models", Department of Electrical and Computer Engineering, The University of Iowa, April, 2001.					
	A16	Patel, N. C. et al., "Neurological Outcomes in Coronary Surgery: Independent Effect of Avoiding Cardiopulmonary Bypass" <i>Ann. Thorac. Surg.</i> 2002;74:400-6, Presented at the 38th Annual Meeting of The Society of Thoracic Surgeons, Fort Lauderdale, FL, Jan 28-30, 2002.					
	A17	F.H. Sheehan et. al., "Advantages and applications of the centerline method for characterizing regional ventricular function" <i>Circulation</i> 1986; 74, no. 2, pp. 293-305.					
	A18	Imamaki, M. et. al., "Prediction of improvement in regional left ventricular function after coronary artery bypass grafting: quantitative stress-redistribution ²⁰¹ TI imaging in detection of myocardial viability" <i>J. Cardiovascular Surg.</i> Oct., 2002; Vol. 43, No. 5: pp. 603-7.					
	A19	E. R. Holman et. al., "Detection and Quantification of Dysfunctional Myocardium by Magnetic Resonance Imaging" <i>Circulation</i> 1997; Vol. 95, No. 4; pp. 924-931.					
	A20	van der Geest, Rob J. et al., "Comparison Between Manual and Semiautomated Analysis of Left Ventricular Volume Parameters from Short-Axis MR Images", <i>Journal of Computer Assisted Tomography</i> , vol. 21, no. 5, 1997, pp. 756-765.					
	A21	Weiss, Robert M. et al., "Evaluation of Cardiovascular Structure and Function with Electron-Beam Computed Tomography", <i>Marcus Cardiac Imaging</i> , 1996, Vol. 2, Chapt. 53: 820-828.					
	A22	Dai, Xiaolong et al., "Left-Ventricle Boundary Detection from Nuclear Medicine Images", (http://www4.ncsu.edu/eos/users/w/wes/homepage/daiHTML/cmrg_JDI.fm3.html#FN1) <i>Journal of Digital Imaging</i> , Vol. 11, No. 1, Feb., 1998.					
	A23	Di Donato, M. et al. "Regional Myocardial performance of non-ischaemic zones remote from anterior wall left ventricular aneurysm - Effects of aneurysmectomy", <i>European Heart Journal</i> , (1995) 16, 1285-1292.					
	A24	T.F. Cootes and C. J. Taylor, "Statistical Models of Appearance for Computer Vision" July 10, 2000 http://cvl.umi.acs.umd.edu/users/nanda/Academics/Academic.html					
	A25	Cootes, T. F. et al., "Constrained Active Appearance Models" (http://citeseer.nj.nec.com/cache/papers/cs/22292/http://zSzzSzwww.wiau.man.ac.uk/Sz~bimzSzPapersSziccv2001.pdf/cootes01constrained.pdf) <i>Proc. Int. Conf. on Computer Vision 2001</i> , Vol. 1, pp. 748-754, 2001.					
DKT	A26	nerac.com "tech track: cardiac MRI", Question No. 1193837.005, April 11, 2003.					

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ORT	A27	10/135,465	4/30/2002	Murphy et al.			
ORT	A28	10/800,461	3/15/2004	Murphy et al.			
ORT	A29	10/800,433	3/15/2004	Murphy et al.			
ORT	A30	10/768,403	1/30/2004	Murphy et al.			
ORT	A31	U.S. Patent Application entitled "A System and Method for Facilitating Cardiac Intervention"	1/30/2004	Murphy et al.			

FOREIGN PATENT DOCUMENTS

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ORT	A32	nerac.com "tech track: Florence H Sheehan", Question No. 1199989.005, February 28, 2003.
1	A33	nerac.com "RetroSearch: Active Appearance Models", Question No. 1199989.009, Sept. 15, 2003.
ORT	A34	nerac.com "tech track: cardiac MRI", Question No. 1193837.005, April 12, 2003.

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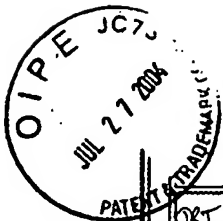
US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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00	1	5072384	1991-12-10	Doi et al.			
	2	5151856	1992-09-29	Halmann et al.			
	3	5235510	1993-08-10	Yamada et al.			
	4	5239591	1993-08-24	Ranganath			
	5	5273038	1993-12-28	Beavin			
	6	5360006	1994-11-01	Geiser et al.			
	7	5375156	1994-12-20	Kuo Petravic et al.			
	8	5433199	1995-07-18	Cline et al.			
	9	5435310	1995-07-25	Sheehan et al.			
	10	5450850	1995-09-19	linuma			
	11	5509084	1996-04-16	Tanaka			
	12	5533085	1996-07-02	Sheehan et al.			
	13	5559901	1996-09-24	Lobregt			
	14	5570430	1996-10-29	Sheehan et al.			
	15	5601084	1997-02-11	Sheehan et al.			
	16	5633951	1997-05-27	Moshfeghi			
	17	5684398	1997-11-04	Takiguchi et al.			
	18	5687737	1997-11-18	Branham et al.			
	19	5704791	1998-01-06	Gillio			
	20	5734739	1998-03-31	Sheehan et al.			
	21	5755577	1998-05-26	Gillio			
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	23	5779634	1998-07-14	Ema et al.			
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	25	5800177	1998-09-01	Gillio			
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	27	5807256	1998-09-15	Taguchi et al.			
	28	5817022	1998-10-06	Vesely			
	29	5839440	1998-11-24	Liou et al.			
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39	6045512	2000-04-04	Roteliuk et al.	
40	6047090	2000-04-04	Makram Ebeid	
41	6106466	2000-08-22	Sheehan et al.	
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53	6298112	2001-10-02	Acharya et al.	B1
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61	6454712	2002-09-24	Oonuki	B1
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65	6473488	2002-10-29	Menhardt	B2
66	6473634	2002-10-29	Barni	B1
67	6487432	2002-11-26	Slack	B1
68	6510337	2003-01-21	Heuscher et al.	B1
69	6522324	2003-02-18	Bosma et al.	B1



OKT	70	6526307	2003-02-25	Foo	B2
	71	6557558	2003-05-06	Tajima et al.	B1
	72	6559641	2003-05-06	Thesen	B2
	73	6563941	2003-05-13	ODonnell et al.	B1
	74	6573717	2003-06-03	Thesen	B2
	75	6574304	2003-06-03	Hsieh et al.	B1
	76	6587541	2003-07-01	Menhardt	B2
	77	6608916	2003-08-19	Wei et al.	B1
	78	6608917	2003-08-19	Wei et al.	B1
OKT	79	6628743	2003-09-30	Drummond et al.	B1

US Published Applications

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OKT	1	20010029333	2001-10-11	Shahidi	A1		
	2	20010031919	2001-10-18	Strommer et al.	A1		
	3	20010036245	2001-11-01	Kienzle, III et al.	A1		
	4	20020016541	2002-02-07	Glossop	A1		
	5	20020031204	2002-03-14	Vilsmeier	A1		
	6	20020032377	2002-03-14	Thesen	A1		
	7	20020035321	2002-03-21	Bucholz et al.	A1		
	8	20020042566	2002-04-11	Matsuzaki et al.	A1		
	9	20020070970	2002-06-13	Wood et al.	A1		
	10	20020077540	2002-06-20	Kienzle, III	A1		
	11	20020077541	2002-06-20	Kienzle, III	A1		
	12	20020082498	2002-06-27	Wendt et al.	A1		
	13	20020087075	2002-07-04	Bucholz	A1		
	14	20020127523	2002-09-12	Edic et al.	A1		
	15	20020167533	2002-11-14	Tirumalai et al.	A1		
	16	20030000535	2003-01-02	Galloway, Jr. et al.	A1		
	17	20030018251	2003-01-23	Solomon	A1		
	18	20030038802	2003-02-27	Johnson et al.	A1		
	19	20030069494	2003-04-10	Jolly	A1		
	20	20030078494	2003-04-24	Panescu et al.	A1		
OKT	21	20030095697	2003-05-22	Wood et al.	A1		



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<input type="checkbox"/>	25	20040049116	2004-03-11	Murphy et al.	
<input checked="" type="checkbox"/>	26	20040049115	2004-03-11	Murphy et al.	

Remarks

Note: Remarks are not for responding to an office action.

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert and Goetzel, P.C. Deposit Account No. 50-1505/5838-06701/EBM.


Signature

Examiner Name	Date
<i>Jim Talman</i>	<i>25 Aug. 2007</i>

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